

Next USDA-EPA-USGS Chesapeake Bay Modeling Coordination Meeting,
July 27, 2010, Annapolis, MD

Duriancik, Lisa - Beltsville, MD to: Richard Batiuk,
jdblomqu@usgs.gov, 07/10/2010 01:54 PM
greg.mccarty@ars.usda.gov,
Cc: "Clarke, Christine - Amherst, MA" "Lawrence, Douglas -

History

In a continuing effort to coordinate on-going modeling efforts and messages in the Chesapeake Bay Watershed, enhance collaboration among agencies, and inform science-based conservation efforts, attached is the agenda for the next coordination meeting of USDA, EPA, and USGS.

The meeting will be held on July 27th, from 9:00 AM to approximately 4:00 PM in the Chesapeake Bay Program Office, Annapolis, MD. Directions and address are at the top of the agenda.

Thank you to Kelly Shenk for helping me pull together a draft agenda for discussions for this meeting. Discussion items are based on opportunities identified at our last meeting. Kelly and Rich, please make sure all of your contacts were included in the email list. I worked with a list from Rich's follow up from our last meeting and added to it based on recent discussions. We want to make sure everyone from the last meeting receives this message as well.

If you have any questions about the meeting or suggestions for the agenda, please contact Glenn Carpenter, NRCS, glenn.carpenter@wdc.usda.gov, or Rich Batiuk, EPA, Batiuk.Richard@epamail.epa.gov.

Thank you,
Lisa

Lisa F. Duriancik
Coordinator, Conservation Effects Assessment Project (CEAP) USDA Natural
Resources Conservation Service | lisa.duriancik@wdc.usda.gov | 301-504-2304 |
<http://www.nrcs.usda.gov/Technical/nri/ceap/>

-----Original Message-----

From: Batiuk.Richard@epamail.epa.gov [mailto:Batiuk.Richard@epamail.epa.gov]
Sent: Friday, May 28, 2010 10:16 AM
To: jdblomqu@usgs.gov; greg.mccarty@ars.usda.gov; aisha.sexton@ars.usda.gov;
Duriancik, Lisa - Beltsville, MD; Guck, Michelle - Annapolis, MD; McAfee,
Robert - Annapolis, MD; Carpenter, Glenn - Beltsville, MD; Norfleet, Lee;
Wang.Ping@epamail.epa.gov; Lynn, Anne - Annapolis, MD; jwbrakeb@usgs.gov;
llinker@chesapeakebay.net; Surface, Jan - Washington, DC; rsmith1@usgs.gov;
cbrosch@chesapeakebay.net; Shenk.Kelly@epamail.epa.gov
Subject: Transmittal of April 9 USDA/EPA Ches Bay Models Mtg -- Opportunities
for Collaboration

USDA/USGS/EPA/CBPO Colleagues-

Thanks again for your participation in a very productive meeting at the Chesapeake Bay Program Office back on Friday, April 9th. Our discussions of CEAP, SWAT and the Bay watershed models has led to identification of a number of opportunities for further collaboration. My sincere apologies for the delay for follow-through on the meeting--six day work weeks are still not enough these days to keep up with our Chesapeake Bay TMDL deadlines!

Attached please find my summary of possible follow-through actions and opportunities for continued and expanded collaboration. I welcome feedback on and additions to the list I compiled during our April meeting. I have also attached a list of all the meeting participants along with phone numbers and email addresses to help us stay electronically connected.

I am committed to ensuring the Chesapeake Bay Program Office teams and modelers collaborate well into the future on actions and opportunities we collectively agree on as priorities well beyond just the coming months. We have Chesapeake Bay restoration policy commitments to have taken specific actions by 2011, 2017 and 2025 as well as the two-year incremental progress to be laid out in the state and federal milestones that all require access to the best data, analysis and simulation tools. I just ask for your patience in the coming months as we continue to focus much of our energies on development, with our state partners and program stakeholders, of an unprecedented, comprehensive pollution diet for the 64,000 square mile waters heading to December's Bay TMDL publication.

Thanks, Rich

(See attached file: Opportunities for Collaboration NRCS-CBP Models 4 9 2010.doc) (See attached file: April 9 2010 SWAT Model Meeting Attendees.doc)

Richard Batiuk
Associate Director for Science
U.S. Environmental Protection Agency
Chesapeake Bay Program Office
410 Severn Avenue, Suite 109
Annapolis, Maryland 21403
410-267-5731
1-800-968-7229 Ext 731
443-223-7823 Cell Phone
410-267-5777 FAX
batiuk.richard@epa.gov
www.chesapeakebay.net
www.epa.gov/chesapeake

USDA/EPA/USGS Modeling Coordination Meeting

U.S. EPA Chesapeake Bay Program Office

Joe Macknis Memorial Conference Room

(Separate building near the waterfront-enter through doors facing the parking lot)

Tuesday, July 27, 2010

9:00 AM – 4:00 PM

410 Severn Avenue, Annapolis City Marina, Annapolis ([directions](#))

9:00 AM

Welcome and Introductions

9:10 AM

CEAP Cropland Chesapeake Bay Assessment – Summary of Preliminary Findings

- Overview of methodology for CEAP Cropland in the Bay
- Summary of major findings
- Review of and discussion of scenarios (“no practice”, “background”, “all possible practices in place”, baseline conservation)

10:30 AM

Comparative Analysis of CEAP Cropland Findings with Chesapeake Bay Watershed

Model Results

- How does CEAP inventory of conservation implementation compare to state-reported conservation implementation data used in the Chesapeake Bay Watershed Model?
- How do CEAP findings on practice effectiveness compare to BMP effectiveness estimates used in the Chesapeake Bay Watershed Model?
 - Nutrient management practice and manure management as case examples
- How do CEAP predictions of agricultural loads compare to agricultural loads predicted with the Chesapeake Bay Watershed Model?

12:00 PM

Lunch Break

You may bring your own lunch or order from a local restaurant.

1:00 PM

Messaging and Management Strategies

- Are there any differences in findings between the CEAP study and the Chesapeake Bay Watershed Model? If so, what are the differences and how can they be explained?
- Are overall CEAP recommendations consistent with direction that Chesapeake Bay Program is taking to further reduce nutrient and sediment loads from agriculture? (State approaches in Watershed Implementation Plans, NRCS & CBP focus on priority watersheds and priority practices, promoting more advanced practices for addressing nutrient imbalances in the watershed, etc.).
- Will there be upcoming SPARROW results and what will those messages be?

- Plans for Report Roll-out (schedule for finalizing report, public review, and publishing report).

2:00 PM

Modeling Collaboration Opportunities

- Develop a plan for exploring the opportunity to incorporate the SWAT model into Phase 5.3 Watershed Model. This could be particularly useful to inform State decisions in developing “Phase II” of the Bay TMDL Watershed Implementation Plans in 2011, which will be formulated at a finer scale (county, county conservation district, or small watershed scale).
 - As an initial case study evaluate this possibility using the Choptank Watershed as a case study. Compare Phase 5.3 Chesapeake Bay Watershed Model with CEAP SWAT model and SPARROW, with a focus on well-characterized subwatersheds.

3:30 PM

Meeting Wrap-up: Next Steps, Future Collaboration, Adjourn

Upcoming meetings to:

- Expand Chesapeake Bay Watershed Monitoring Network using lessons learned on monitoring designs and land treatment from CEAP watershed studies (separate meeting). Note: this discussion could inform monitoring efforts planned in the “Showcase Watersheds.”
- Further discuss data sharing including inquiries on NASS CEAP Survey Data or others arising out of this meeting.
- Develop CBP/EPA input into the “CEAP Roadmap” (separate meeting)
- Present CEAP overview and results in the Bay to CBP & States (suggested in last meeting)

4:00 PM

Adjourn